

Converting Colors

RGB(255, 231, 245)

Have a look what the booklet for
RGB(255, 231, 245) contains.

RGB(255, 231, 245)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(255, 231, 245)

Conversions

Conversions Part 1

Format	Color
Hex	FFE7F5
RGB	255, 231, 245
RGB Percent	100%, 91%, 96%
CMY	0.0000, 0.0941, 0.0392
CMYK	0.00, 0.09, 0.04, 0.00
HSL	325°, 100%, 95%
HSV	325°, 9%, 100%
XYZ	86.2973, 85.0044, 98.2453
YIQ	239.7720, 9.8100, 9.4420

Conversions

Conversions Part 2

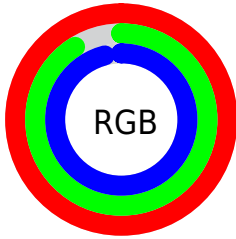
Format	Color
R _Y B	255, 231, 245
Decimal	16771061
CIE Lab	93.89, 10.52, -3.81
CIE LCh	94, 11.186, 340.111
Yxy	85.0044, 0.3202, 0.3154
Android (android.graphics.Color)	4294961141 (0xFFFFE7F5)
YUV	239.7720, 2.5774, 13.3550
Hunter-Lab	92.1978, 5.7301, 1.3595

Details

The RGB color **255, 231, 245** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **231, 255, 241**, and the grayscale version is **240, 240, 240**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 175, 189** is the 20% darker color. If you saturate the color by 10%, you get **255, 206, 234**, and if you desaturate by 10%, it is 255, 255, 255.

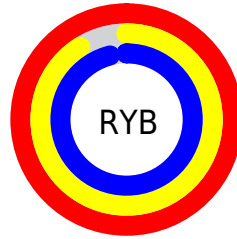
Distribution



Red (100%)

Green (91%)

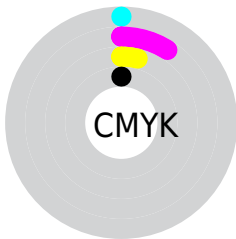
Blue (96%)



Red (100%)

Yellow (91%)

Blue (96%)

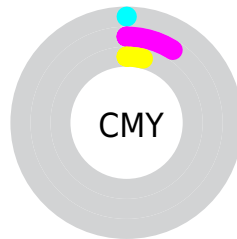


Cyan (0%)

Magenta (9%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 231, 245 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 255, 231, 245 by changing the saturation by 10% instead.

 255, 231, 245


255, 255, 255

 255, 231, 245

 226, 203, 217

 198, 175, 189

 171, 149, 162

 144, 123, 136

 119, 98, 110

 94, 74, 86

 70, 51, 63

 47, 30, 41

 28, 6, 21

 255, 231, 245

 255, 231, 245

 255, 206, 234


255, 255, 255


 255, 180, 224


 255, 155, 213

 255, 129, 202

 255, 104, 192

 255, 78, 181

 255, 53, 171

 255, 27, 160

 255, 2, 149

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244, 234, 254



255, 231, 245



255, 230, 234

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 231, 245



243, 238, 216



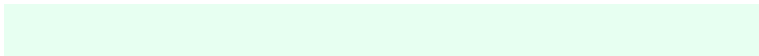
212, 243, 251

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



255, 231, 245



231, 255, 241

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



212, 244, 241



255, 231, 245



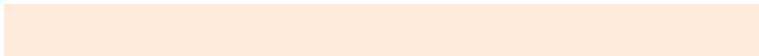
230, 241, 221

Square

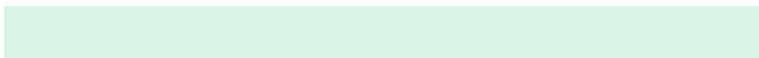
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



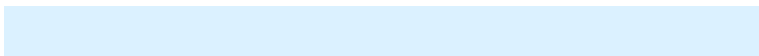
255, 231, 245



253, 234, 217



219, 243, 230



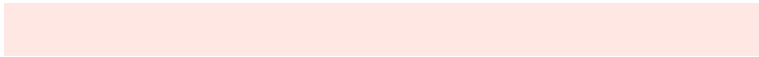
219, 241, 255

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



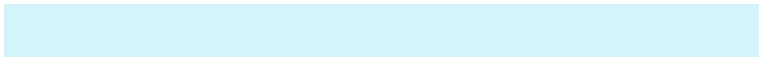
255, 231, 245



255, 231, 227



219, 243, 230



211, 244, 248

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



255, 231, 245



255, 247, 252



241, 231, 255



128, 122, 125



0, 0, 0



128, 128, 128

Same Dimension

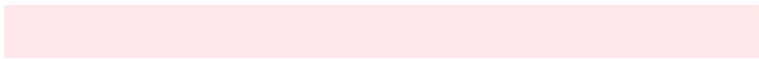
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 231, 245



255, 227, 243



255, 231, 233



128, 115, 122



191, 0, 112



64, 0, 37

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



255, 231, 245



255, 227, 243



231, 255, 253



128, 115, 122



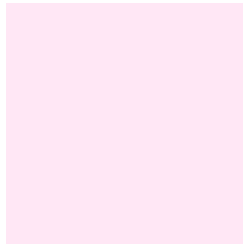
191, 0, 112



64, 0, 37

Previews

White Background



This preview shows how the RGB color 255, 231, 245 looks on a white background.

Color Contrast Check

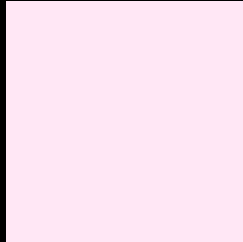
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 255, 231, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

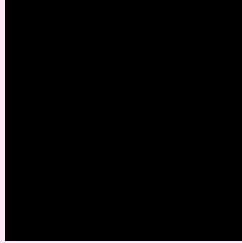
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 255, 231, 245 Background



This preview shows how black text looks on a background with the RGB color 255, 231, 245.



This preview shows how white text looks on a background with the RGB color 255, 231, 245.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
255, 231, 245

Protanopia
239, 236, 248

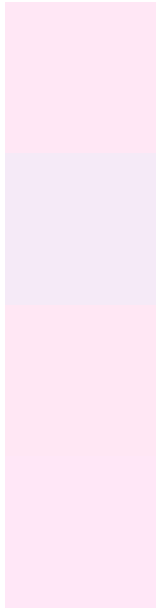
Deuteranopia
255, 231, 244



Tritanopia

255, 231, 248

Trichromacy



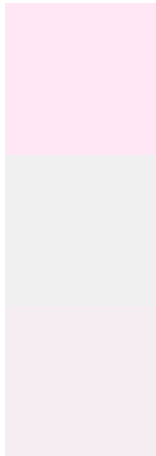
Original Color
255, 231, 245

Protanomaly
245, 234, 247

Deuteranomaly
255, 231, 244

Tritanomaly
255, 231, 247

Monochromacy



Original Color
255, 231, 245

Achromatopsia
240, 240, 240

Achromatomaly
245, 237, 242

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 231, 245 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(255, 231, 245) looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 245)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 231, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 245) }
```

Border

The CSS property to change the border of an element to RGB 255, 231, 245 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 231, 245) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(255, 231, 245) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(255, 231, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
245) }
```

Background

The CSS property to change the background color of an element to RGB 255, 231, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 245) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
231, 245) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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